

**Abstract:**

Method for eliminating spurious signal components (SS) from an input signal (ES), said method including the characterization, in a signal analysis phase (I), of the spurious signal components (SS) and of the information signal (NS) contained in the input signal (ES), and the determination or generation, in a signal processing phase (II), of the information signal (NS) or estimated information signal (NS') on the basis of the characterization obtained in the signal analysis phase (I), said characterization of the signal components (SS, NS) being performed under utilization at least of auditory-based features ( $M_1$  to  $M_j$ ).

Also specified is an application of the method per this invention, as well as a hearing aid operating by the method of this invention.

(Fig. 1)